

App. No. 10/608,312  
Notice of Allowance dated December 13, 2006  
Amendment After Allowance date December 26, 2006

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### IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

1-10. CANCELLED

11. (Allowed) A method for recovering boot up data comprising:  
generating a first logical storage unit, the first logical storage unit being configured to be accessible by an operating system;  
generating a second logical storage unit, the second logical storage unit being configured to be inaccessible by the operating system;  
storing boot up data in the first logical storage unit;  
copying the boot up data from the first logical storage unit to the second logical storage unit;  
setting a recovery bit in a nonvolatile memory of a host adapter to initiate boot recovery; and  
when the recovery bit is set,  
copying the boot up data from the second logical storage unit to boot up data locations in the first logical storage unit;  
booting up the computer system using the boot up data that was copied into the first logical storage unit from the second logical storage unit,  
unsetting the recovery bit after the computer system has been booted up.

12. (Allowed) A method for recovering boot up data as recited in claim 11, wherein setting the recovery bit includes receiving input to start recovery of the boot up data.

13. (Allowed) A method for recovering boot up data comprising:  
generating a first logical storage unit, the first logical storage unit being configured to be accessible by an operating system;  
generating a second logical storage unit, the second logical storage unit being configured to be inaccessible by the operating system;  
storing boot up data in the first logical storage unit; and

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determining the location of the boot up data as stored in firmware within a host adapter and copying the boot up data from the first logical storage unit to the second logical storage unit.

14. (Allowed) A method for recovering boot up data as recited in claim 11, wherein the copying of the boot up data from the first logical storage unit to the second logical storage unit is managed by firmware being run in a host adapter.

23. (New) A method for recovering boot up data as recited in claim 11, wherein the second logical storage unit is an operating system secure sector.

24. (New) A method for recovering boot up data as recited in claim 11, wherein the second logical storage unit is at least a portion of at least one disk drive.

25. (New) A method for recovering boot up data as recited in claim 11, wherein the boot data includes at least a master boot record and system files.

26. (New) A method for recovering boot up data as recited in claim 11, wherein the first logical storage unit is accessible through firmware on a host adapter.

27. (New) A method for recovering boot up data as recited in claim 11, wherein the first logical unit is at least a portion of at least one storage device.

28. (New) A method for recovering boot up data as recited in claim 11, wherein the copying is the boot up data from the first logical storage unit done by a firmware on a host adapter.

29. (New) A method for recovering boot up data as recited in claim 13, wherein the second logical storage unit is an operating system secure sector.

30. (New) A method for recovering boot up data as recited in claim 13, wherein the second logical storage unit is at least a portion of at least one disk drive.

31. (New) A method for recovering boot up data as recited in claim 13, wherein the boot data includes at least a master boot record and system files.

32. (New) A method for recovering boot up data as recited in claim 13, wherein the first logical storage unit is accessible through firmware on a host adapter.

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33. (New) A method for recovering boot up data as recited in claim 13, wherein the first logical unit is at least a portion of at least one storage device.

34. (New) A method for recovering boot up data as recited in claim 13, wherein the copying is the boot up data from the first logical storage unit done by a firmware on a host adapter.